



SAN BERNARDINO MICROWAVE SOCIETY, Incorporated

FOUNDED IN 1966

A NON-PROFIT AMATEUR TECHNICAL ORGANIZATION DEDICATED
TO THE ADVANCEMENT OF COMMUNICATIONS ABOVE 1000 MC.

W6IFE Newsletter

President **Doug Millar, K6JEY** 2791 Cedar Ave Long Beach, CA 90806 562-424-3737
doughhelen@moonlink.net

VP **Dave Glawson, WA6CGR** 23437 E Amberwick Pl Diamond Bar CA 91765 909-861-7036 wa6cgr@ham-radio.com

Recording Sec **Mel Swanberg, WA6JBD** 231 E Alessandro Blvd Riverside, CA 92508 909-369-6515
swanberg@pe.net

Corresponding Sec **Kurt Geitner, K6RRA** 1077 E Pacific Coast Highway #142 Seal Beach, CA 90740 310-710-7810 k6rra@gte.net

Treasurer **Dick Kolbly, K6HIJ** 26335 Community Barstow, CA 92311 760-253-2477 rkolbly@compuserve.com

Editor **Bill Burns, WA6QYR** 247 Rebel Rd Ridgecrest, CA 93555 760-375-8566 bburns@ridgecrest.ca.us

Webmaster Chip Angle, N6CA 25309 Andreo Lomita, CA 90717 310-539-5395 chip@anglelinear.com

ARRL Interface Frank Kelly, WB6CWN 1111 Rancho Conejo Blvd. #501 Newbury Park, CA 91320 805-499-8047 fk@event1.com

W6IFE License Trustee Ed Munn, W6OYJ 6255 Radcliffe Dr. San Diego, CA 92122 619-453-4563
edmunnn@compuserve.com

At the **1 August** 2002 meeting of the SBMS will be a technical talk on 10 GHz Contest planning. We will have the mixer kits for the 24 GHz project, thanks to Dave and Ken. Next up is the PIC board and parts. The SBMS meets at the American Legion Hall 1024 Main Street (south of the 91 freeway) in Corona, CA at 1900 hours local time on the first Thursday of each month. Check out the SBMS web site at <http://www.ham-radio.com/sbms/>.

Member notes-Bob, W6SYA is having physical therapy and getting stronger. Jack, N6XQ has undergone cancer surgery and is recovering at home.

Last meeting- Chuck Houghton, WB6IGP came up with the "San Diego crew". Ed, W6OYJ talked about microwave groups sending a letter to ARRL protesting the scheduling of area conventions on ARRL microwave contest weekends. Ed will be writing up a proposal letter for SBMS signatures and other club use. Welcome to visitor Ginny, AJ6CW from Hacienda Heights. Glenn, KE6HPZ talked and demonstrated the pic sequencer and other useful station gear using pic devices found on <http://members.aol.com/k1el> site. Thanks Glenn. There was lots of discussion on where to go during the upcoming contest. 22 people present.

Scheduling

August 1 Contest get ready session. Maps, advice, supply lists and liaison information

August 3-4, 1800Z - 1800Z - ARRL UHF Contest

August 17-18, 8 AM - 8 PM - ARRL 10-GHz Cumulative Contest

September 5 K6JEY session on frequency measurement and calibration.

September 14-16, 1800Z - 0300Z - ARRL September VHF QSO Party

September 21-22, 8 AM-8 PM - ARRL 10-GHz Cumulative Contest

October 3 24 GHz testing and equipment review. Bring your rig and get it tested.

October 24-27 - Microwave Update 2002/Eastern VHF-UHF combined Conference sponsored by N.E.W.S.

November 7 WA6JBD program on Network Analyzers.

December 5 5.7 GHz gear report and testing.

Wants and Gots for Sale

For Sale: HP 5245L counter and manual with plugins 5253B 50-500 MHz, 5245A .3-3 GHz, 5254B.2-3 GHz, 5255A 3 to 12 GHz \$500 Bob Gardner W6SYA 818-248-3683

For Sale: dc-dc voltage converters +5v dc to –5 v dc \$1 each John KJ6HZ 909-683-1434

Want: 2 GHz MDS dish John KJ6HZ 909-683-1434

Want: HP435 power meter sensor pin connections Dick K6HIJ 760-253-5127

Activity reported at the July SBMS meeting- Kerry, N6IZW talked about his use of DSS feed LNA's as signal monitors using the 950-1450 IF output to a 2 GHz spectrum analyzer with the LNA back cover removed and one can see signals mixed with the 11.250 DRO all the way up to 47 GHz. Chuck, WB6IGP is working on an HP8690 sweeper and a FT-817 IF radio, and talked about using a pocket laser pointer on his optical communicator with detectors having filters; Ed, W6OYJ was active in the contest on 10 GHz; Chuck, WA6EXV has been replacing his 40 year old iron water lines and working on a high dynamic range LNA for the 1296/2304 translator; Bill, WA6QYR modified a computer power supply for bench use and modified DSS reflectors for use on 24, 10, 5, 3, and 2 GHz; Dennis, WA6NIA worked on his 24 GHz rig; Ken, WB6DTA worked the June contest on 3 and 10 GHz and has grids DL18, 19, 27, 28 on 10 GHz with W1LP/mm; Mike, WA6YLZ is rebuilding his 10 GHz rig to fit on heavier tripod; Dick, WB6DNX has been working on helping sell Sam's estate equipment; Jono is collecting hardware; Steve, AD6HT worked the June contest on 3 GHz and is building a 10 GHz rig; Chuck, WB6IGP is building a 1296 rig using Qualcom parts; Pete, W6DXJ has a 4 ft dish on 5 GHz; Dick, K6HIJ is working on his NNC mill to make 24 GHz switches and fixing test equipment; Ginny, AJ6CW just completed her college degree; Pat, N6RJM is getting his 1296 gear running and 10 GHz is in the works; Larry, K6HLH was on 3 GHz during June contest and Field Day; Dave, WA6CGR talked on microwave at the Antelope Valley Club and now has a 30 to 50 GHz power meter; and Glenn roved 9 grids on 6 mtr to 10 GHz and was on 3 and 10 GHz for field day.

Sorry this is late and short. Bill WA6QYR